



Audiovisual Equipment Service Bulletin

HFC AV Bulletin 04-01 ELMO 16mm film projectors

Subject ELMO 16mm film projectors, model numbers MP 16CL and CX350

Notice Effective July 1, 2004 Harpers Ferry Center will stop providing maintenance and support for ELMO 16mm film projectors, model numbers. **MP 16CL and MP CX350**

Affected Areas Servicewide

History For thirty years 16 mm film projectors have been an important component of the NPS interpretive programs, but 16mm film equipment is being replaced by digital equipment. Elmo Manufacturing Corporation has stopped manufacturing and supporting 16mm projectors. With repair parts and projector bulbs almost impossible to find, HFC has chosen to stop supporting all 16mm film projectors.

Future Support HFC will ship all remaining Elmo projectors to parks who request them on a first-come, first-served basis. Although Elmo 16mm film projectors are no longer manufactured, they are still being serviced by: Metropolitan AV Corp. 11A Carpenter Drive, Sterling ,VA 201674 (703-834-0004)

Conversion options for the 16mm format will require transfer of the program to DVD, High Definition Video, or other digital video format. Once the program is converted to a new digital format there are several possibilities for display or projection which include:

- a. Large format image projection (72" -160" diagonal measure), using LCD or DLP video projectors.
- b. Video direct viewed on small screen monitors (15" – 63" diagonal measure), using LCD and Plasma flat panels or CRT glass tube monitors.

Conversion options can be discussed with Eric Epstein (304 535 6476) or Ed Boutte (304 535 6124).

Property Transfer After July 1, 2004, responsibility for property accountability will be transferred to the park. Robert Flanagan, HFC Property Officer, will complete and send Transfer of Property documents to the park. Defective projectors should be serviced by the park's chosen repair vendor or surveyed through the park property management program. Parks that have working 16mm film projectors that are no longer needed should contact HFC for redistribution to other parks.

Contact For questions regarding this bulletin, contact Martin Burke, Harpers Ferry Center at 304-535-6228.